

K 5
VCS
6-28-01



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shinichi TAKAHASHI

Appln. No.: 09/768,003

Group Art Unit: 2651

Confirmation No.: 9261

Examiner: NOT YET ASSIGNED

Filed: January 24, 2001

For: OPTICAL PICKUP APPARATUS

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith please find fifteen (15) sheets of formal drawings. The Examiner is respectfully requested to acknowledge receipt of these formal drawings.

Respectfully submitted,

Darryl Mexic
Registration No. 23,063

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860
DM/slb
Date: May 4, 2001

5 / 15

FIG. 5

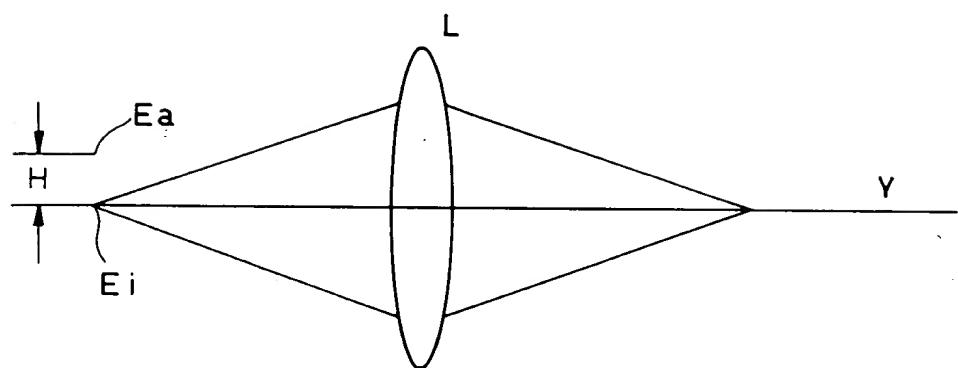
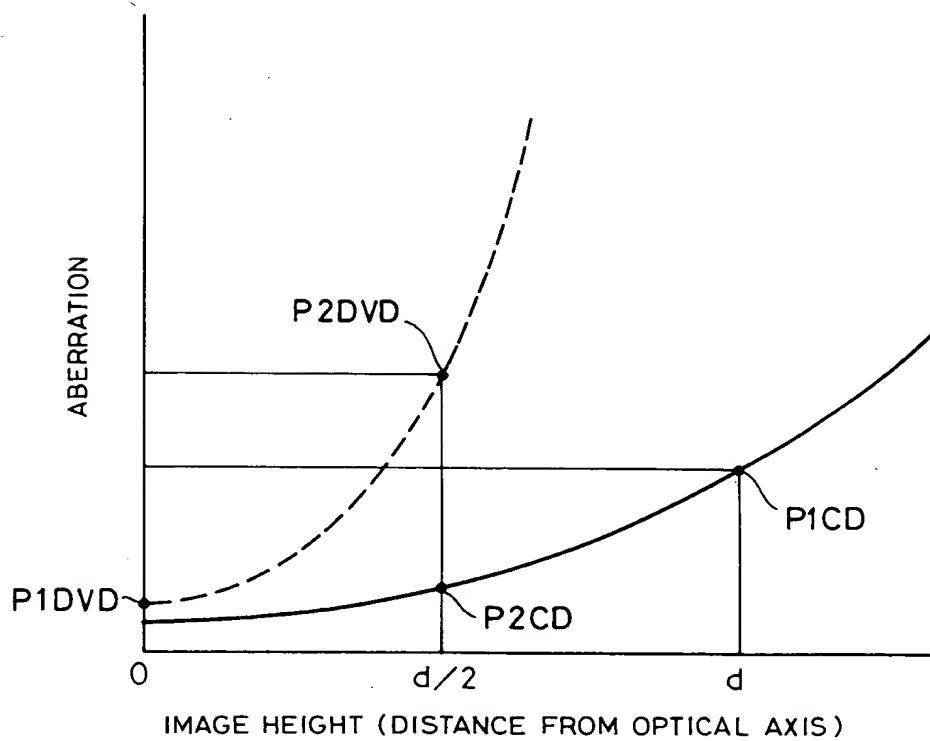


FIG. 6



6 / 15

FIG. 7

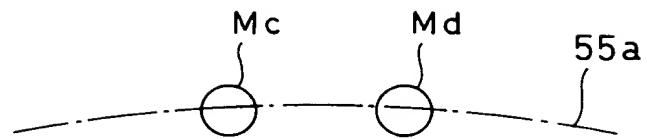
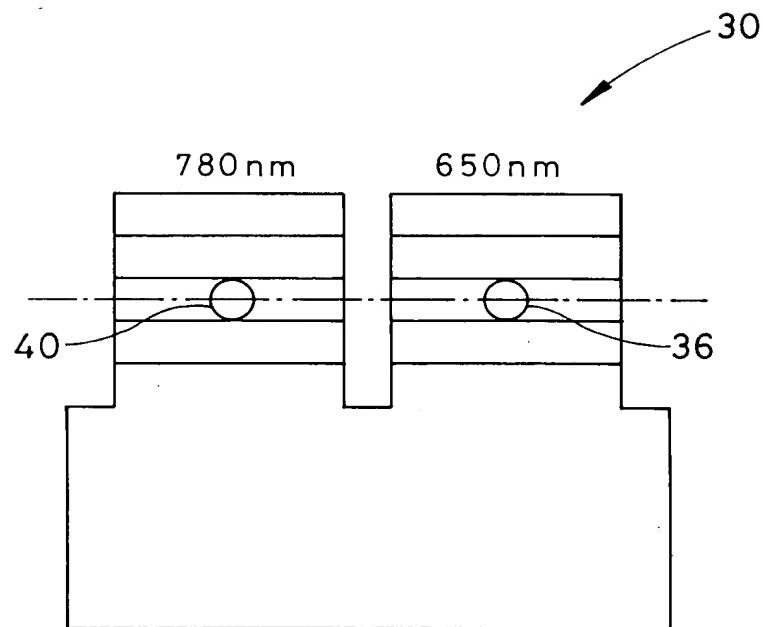


FIG. 8



7/15

FIG. 9

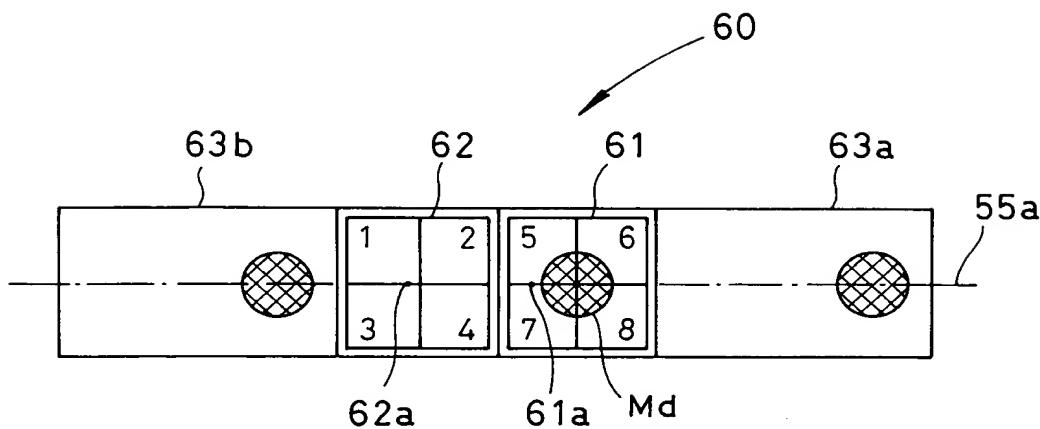
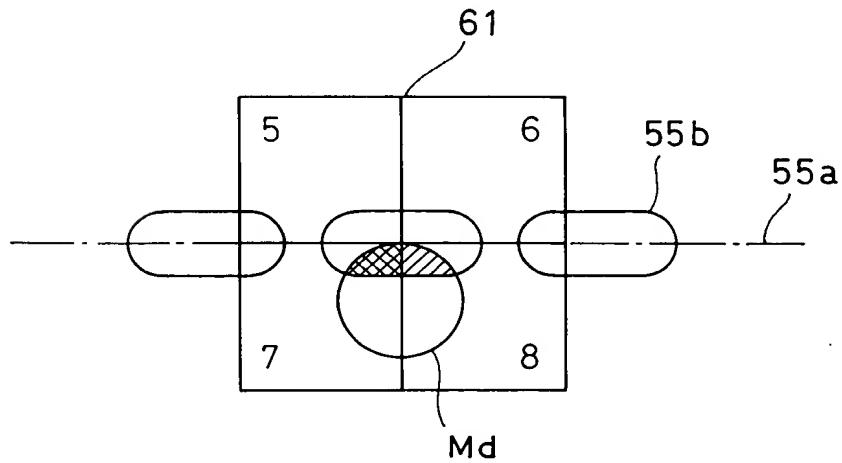


FIG. 10



8 / 15

FIG.11

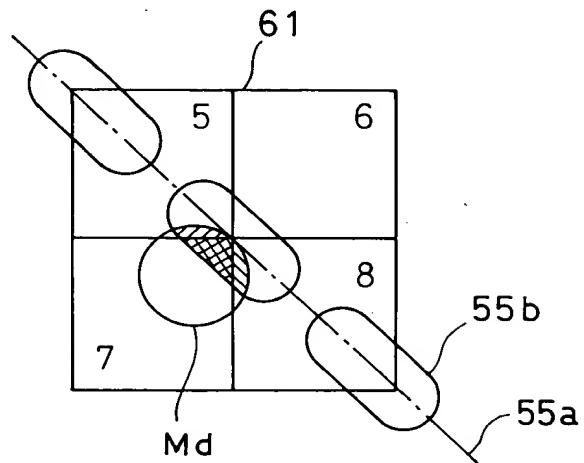


FIG.12

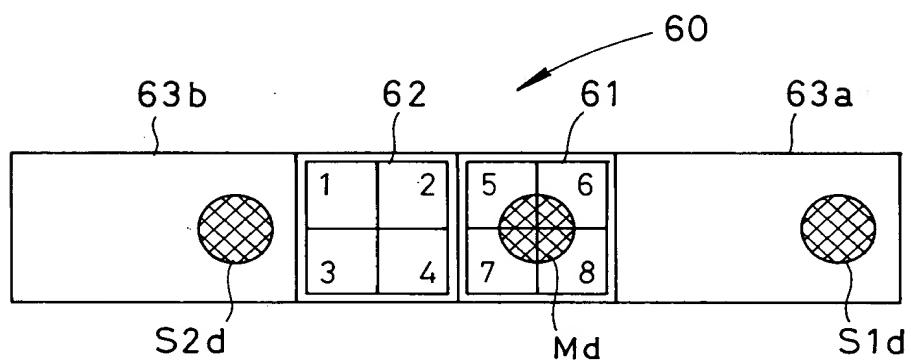
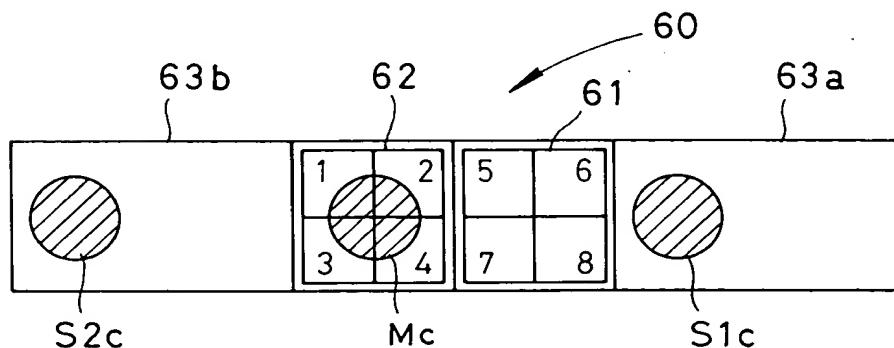


FIG.13



9/15

FIG.14

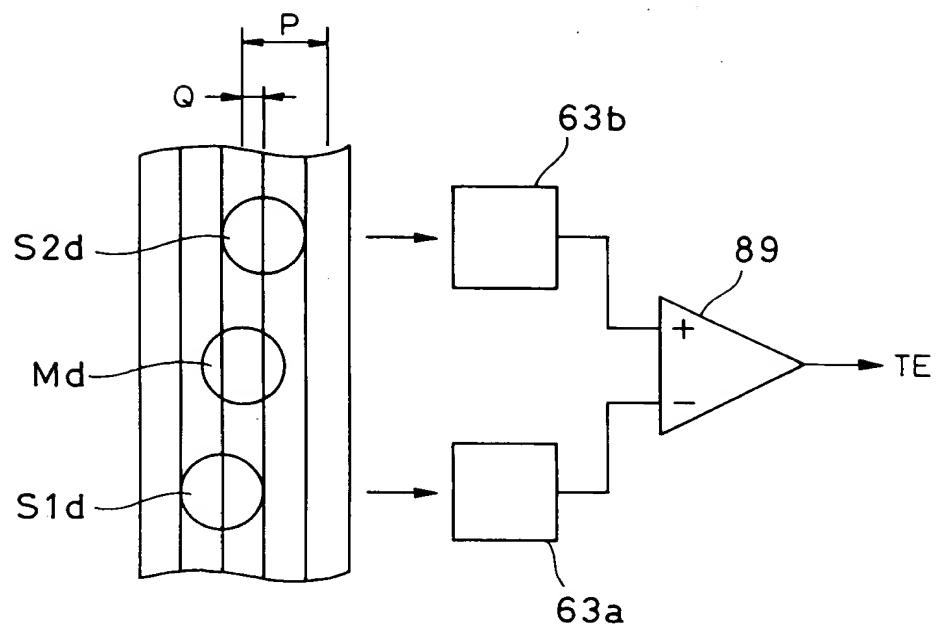


FIG.1

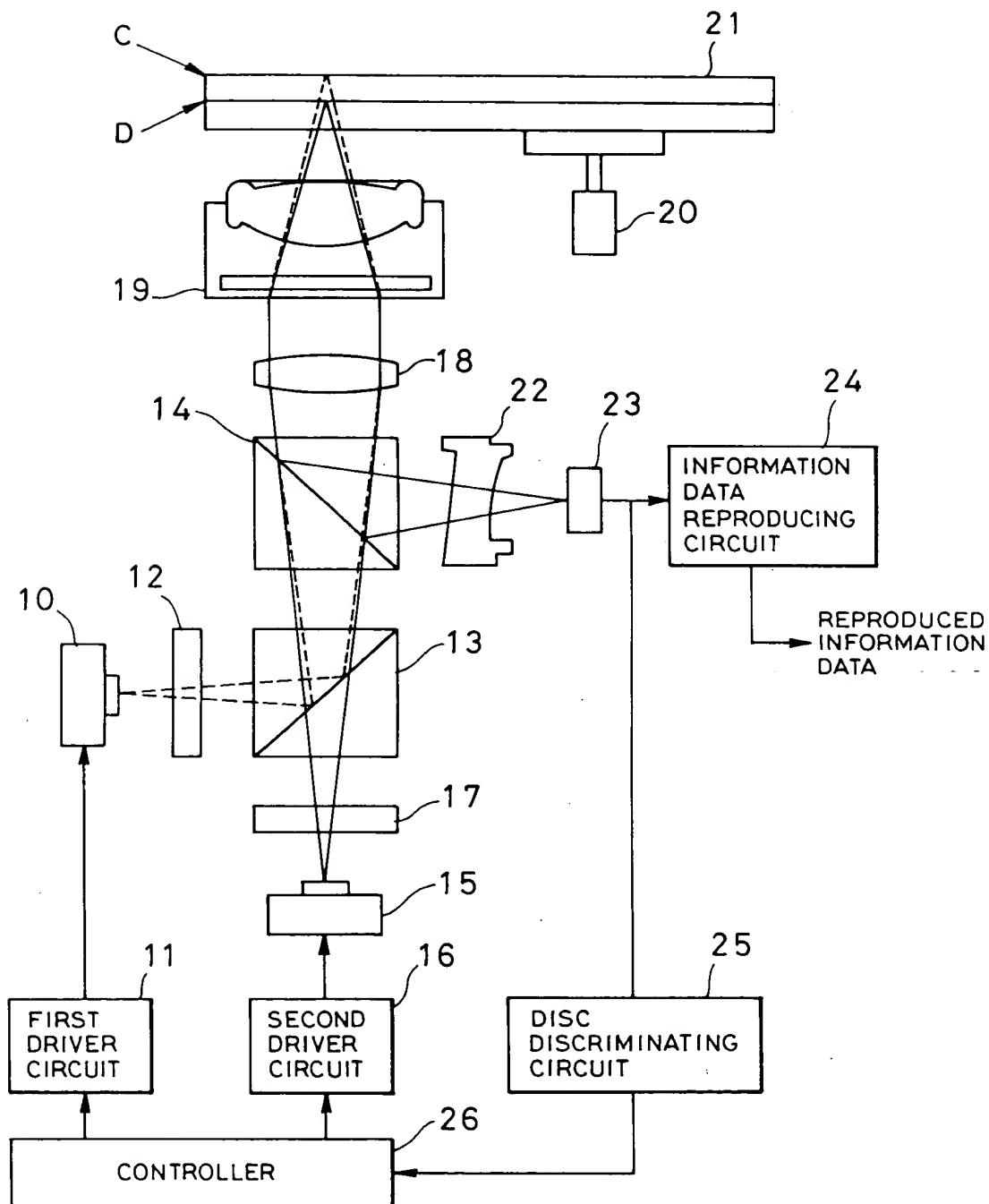


FIG. 2

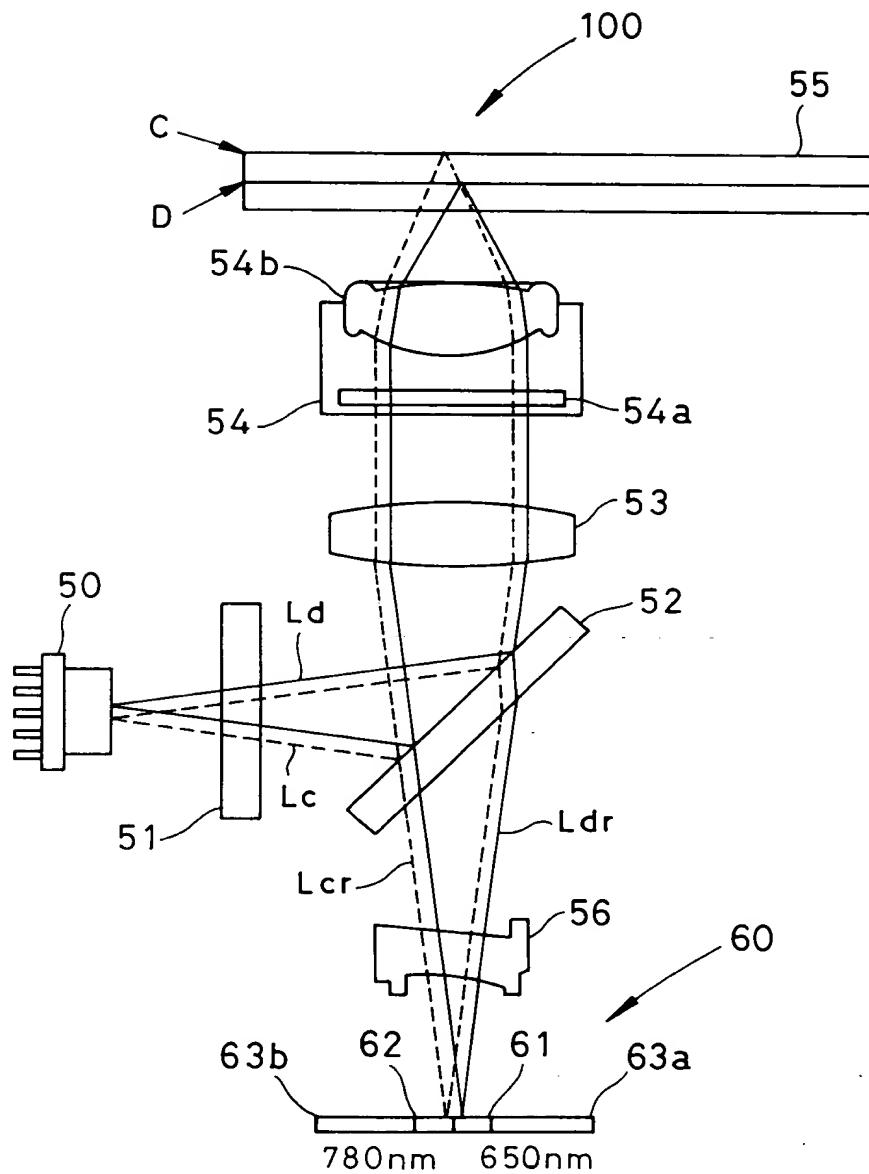
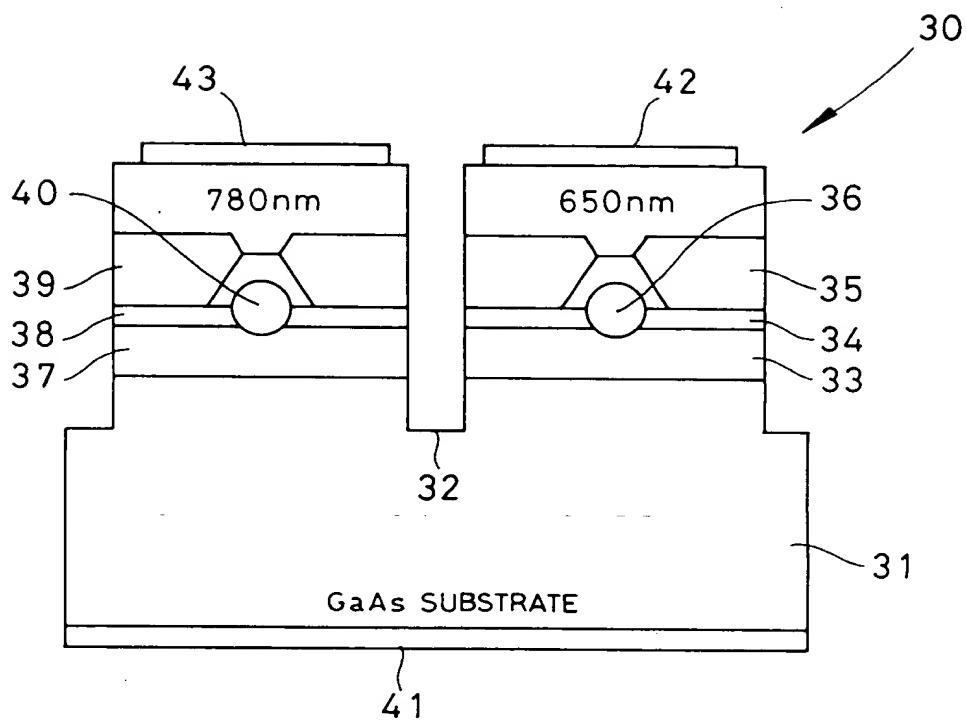
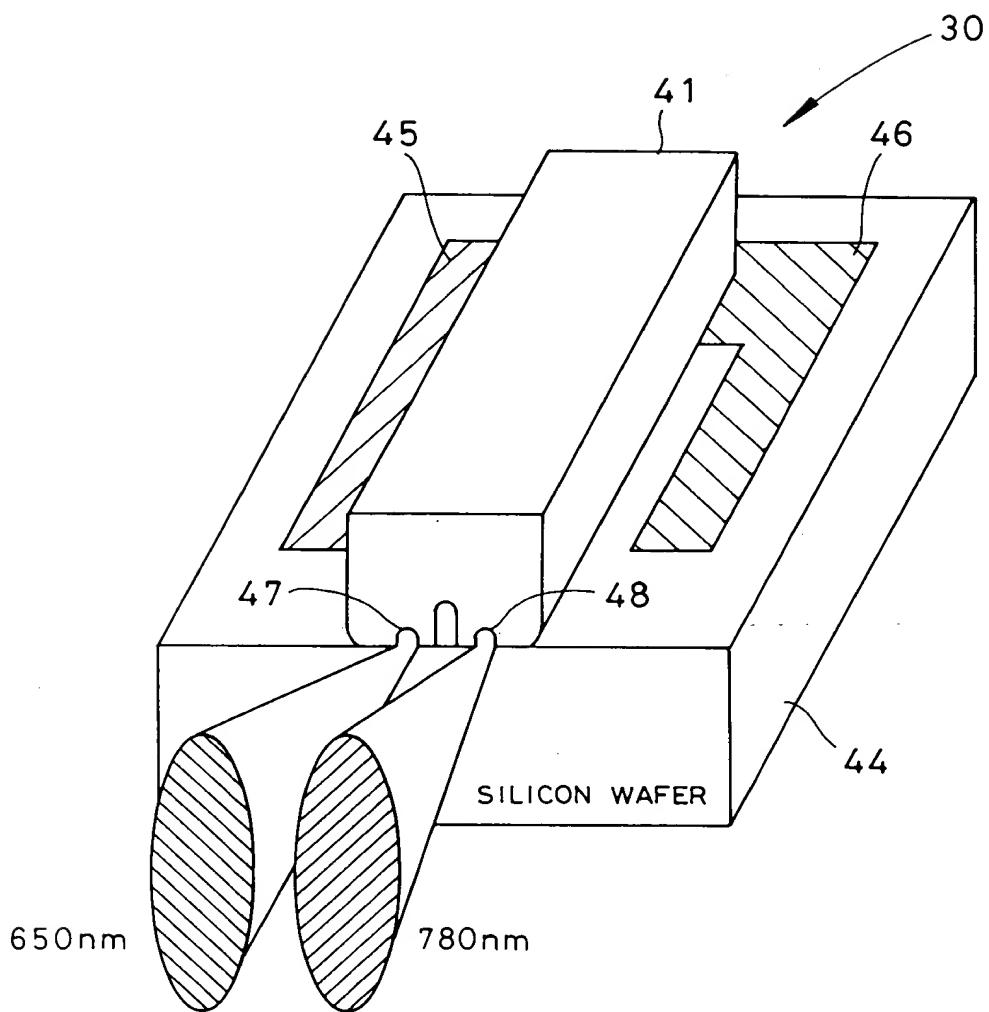


FIG. 3



4 / 15

FIG. 4



10/15

FIG.15A

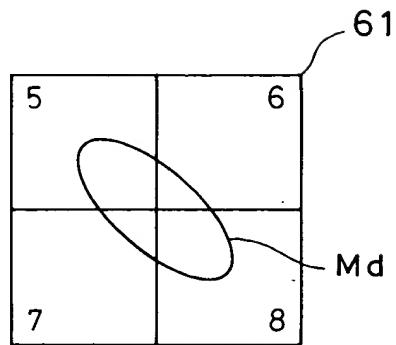


FIG.15B

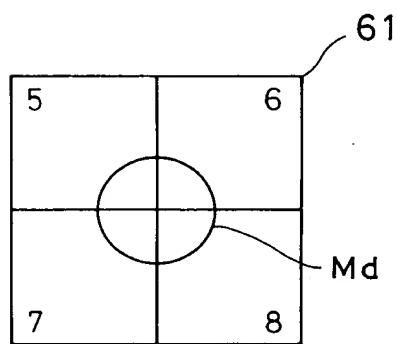
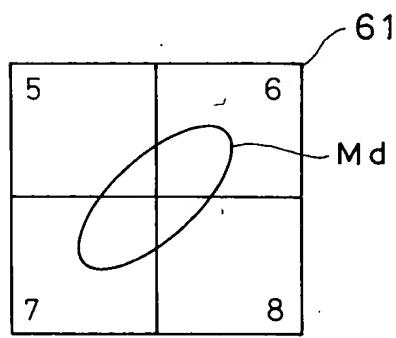


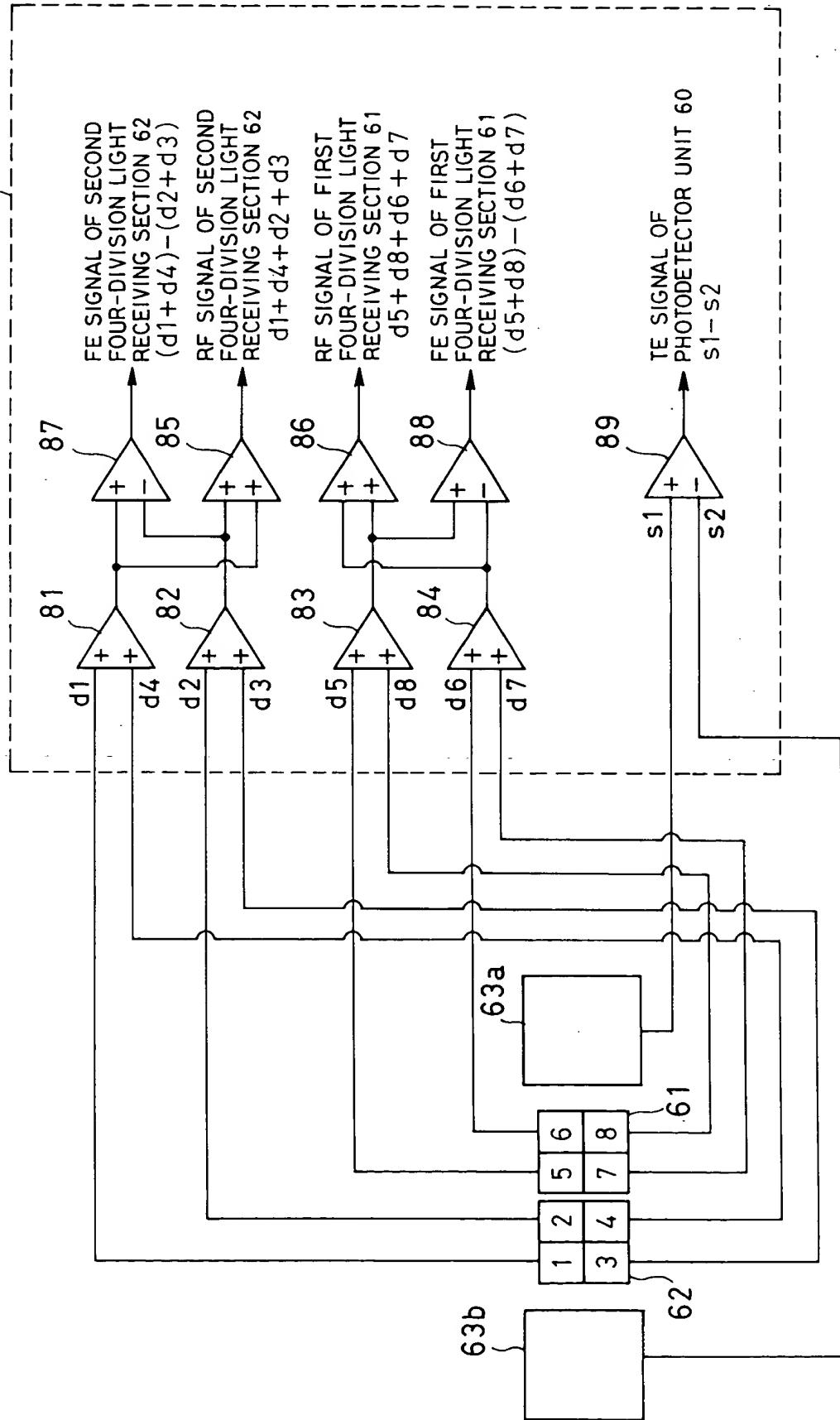
FIG.15C



11/15

FIG. 16

80



12/15

FIG.17

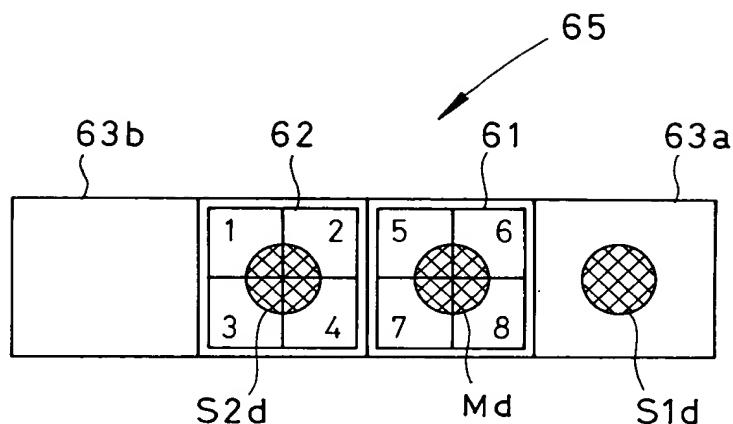
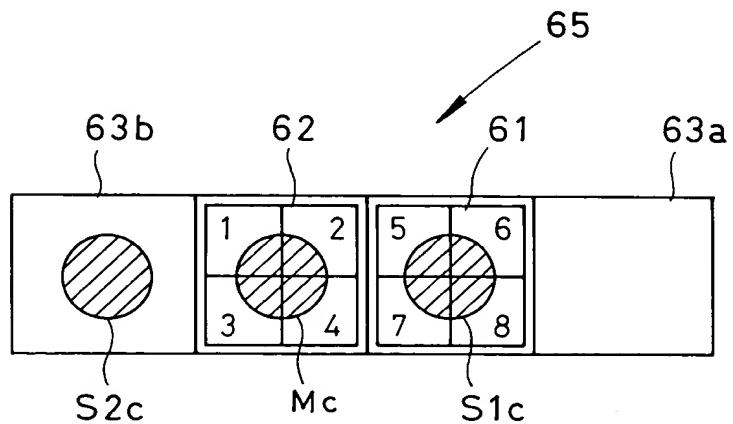


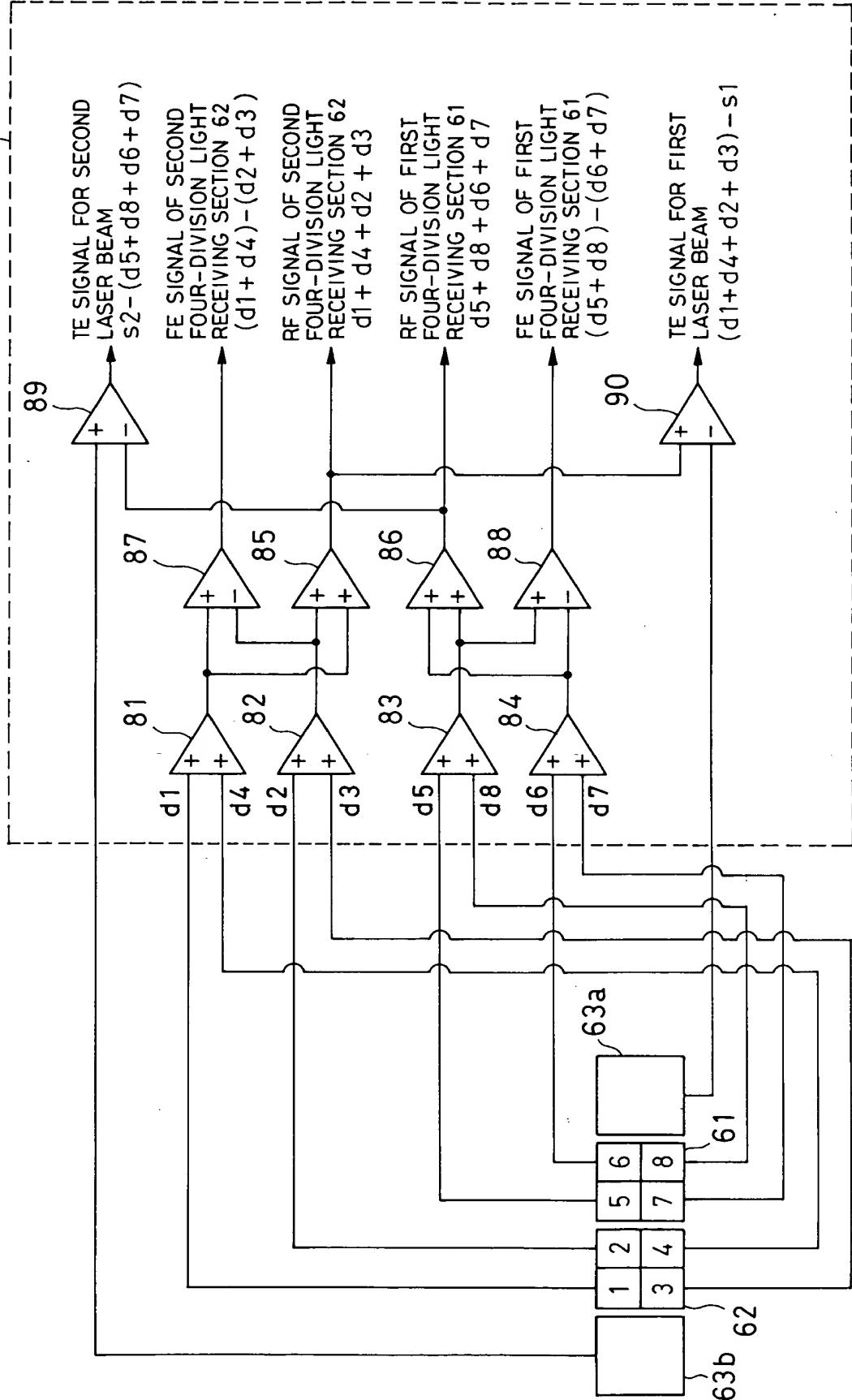
FIG.18



13 / 15

FIG. 19

80



14/15

FIG. 20

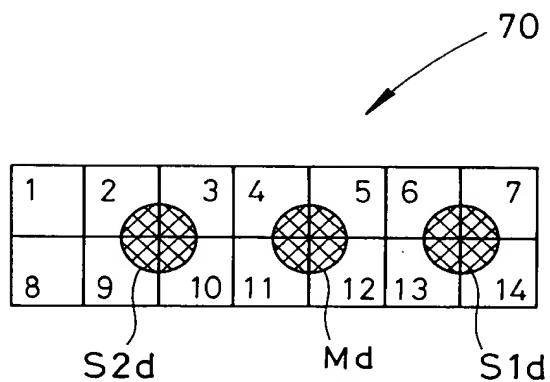
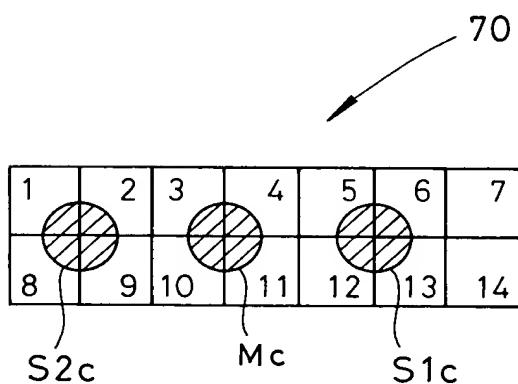


FIG. 21



15/15

FIG. 22

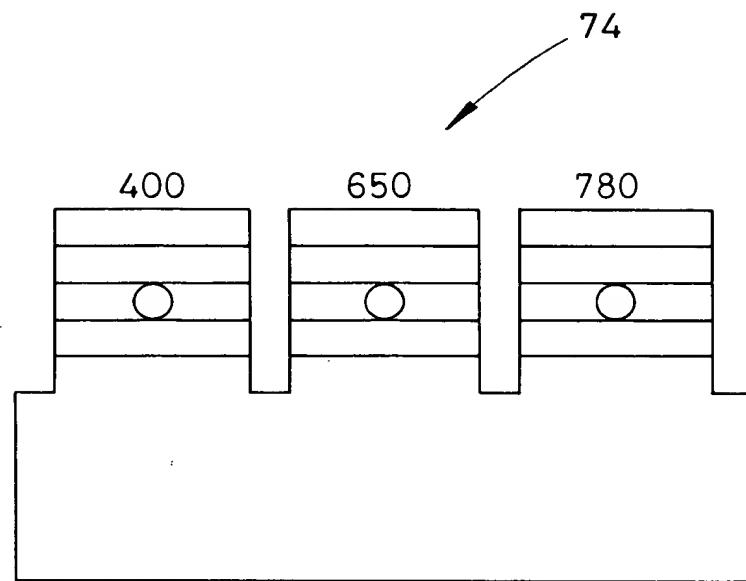


FIG. 23

